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PTO-1390 (Rev. 07-2005)

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/ Approved for use through 3/31/2007. OMB 0651-0021

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER						
DESIGNATED/ELECTED OFFICE (DO/EO/US)		PU030240					
CONCERNING A SUBMISSIO	N UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37-CFR 1.5)					
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/US04/001573	January 20, 2004	August 13, 2003					
PRE-PROCESSING OF DESC	RAMBLING DATA TO REDUCE	CHANNEL-CHANGE TIME					
APPLICANT(S) FOR DO/EO/US		·					
Kevin Lloyd Grimes  Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/E	O/US) the following items and other information:					
	ncerning a submission under 35 U.S.C. 37						
	submission of items concerning a submission						
	ional examination procedures (35 U.S.C. 3						
3.	ional examination procedures (33 0.3.0. 3	(1(1)). The submission must more terms					
4. The US has been elected (Article 31).							
5. A copy of the International Applicatio	n as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required	d only if not communicated by the Internation	onal Bureau).					
b. X has been communicated by the International Bureau.							
c. is not required, as the appl	c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
a. is attached hereto.							
b. has been previously subm	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
a. are attached hereto (required only if not communicated by the International Bureau).							
b. have been communicated	b. have been communicated by the International Bureau.						
c. have not been made; how	c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. 🖾 have not been made and	will not be made.						
8. An English language translation of	the amendments to the claims under PCT	Article 19 (35 U.S.C. 371(c)(3)).					
9. An oath or declaration of the invento	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Preliminary	y Examination Report under PCT					
Items 11 to 20 below concern document	(s) or information included:	•					
11. An Information Disclosure Statemen	nt under 37 CFR 1.97 and 1.98; Sear	ch Report and References					
12. An assignment document for record	ding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.							
14. An Application Data Sheet under 3	7 CFR 1.76.						
15. A substitute specification.							
16. A power of attorney and/or change	of address letter.						
17. A computer-readable form of the se	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18. A second copy of the published Inte	ernational Application under 35 U.S.C. 154	u(d)(4).					
19. A second copy of the English langu	uage translation of the international applica	tion under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Other Items or information:  X Return Postcard  Certificate of Express Mailing  X Copy of Int'l Prel.Exam.Report or IPRP  The following fees have been submitted  21. [X] Basic national fee (37 CFR 1.492(a))	U.S. APPLICATION	ON NO. (II known	iee 37 6FR 1.5)	INTERNATIONAL APP		ATTORNEY'S DOCK	
The following fees have been submitted  Sade -	<b>60</b> 0	86126	DETUSO4/001573			PU030240	
The following fees have been submitted  Sabo	20. Other it	tems or information	n: <u>X</u>	Return Postca	ırd		
The following fees have been submitted  21. Signature of the submitted state of the submitt			Z	Certificate c	of Express	Mailing	
The following fees have been submitted  21. Signature of the submitted state of the submitt			X	Copy of Int'l	Prel.Exa	m.Report or	IPRP
21. Main Basic national fee (37 CFR 1.492(c))  22. Main Examination fee (37 CFR 1.492(c))  23. Main Examination fee (37 CFR 1.492(c))  24. Main Examination fee (37 CFR 1.492(c))  25. Main Examination fee (37 CFR 1.492(c))  26. Main Other situations.  27. Main Examination fee (37 CFR 1.492(c))  28. Main Examination fee (37 CFR 1.492(c))  29. Main Examination fee (37 CFR 1.492(c))  29. Main Examination fee (37 CFR 1.492(c))  20. Main Examination fee (37 CFR 1.492(c))  21. Main Examination fee (37 CFR 1.492(c))  22. Main Examination fee (37 CFR 1.492(c))  23. Main Examination fee (37 CFR 1.492(c))  24. Main Examination fee (37 CFR 1.492(c))  25. Main Examination fee (37 CFR 1.492(c))  25. Main Examination fee (37 CFR 1.492(c))  26. Main Examination fee (37 CFR 1.492(c))  26. Main Examination fee (37 CFR 1.492(c))  27. Main Examination fee (37 CFR 1.492(c))  28. Main Examination fee (37 CFR 1.492(c))  28. Main Examination fee (37 CFR 1.492(c))  29. Main Examination fee (37 CFR 1.492(c))  20. Main Examin Examination fee (37 CFR 1.492(c))  20. Main Examination fee (37	The follo	wing fees have be				CALCULATIONS	PTO USE ONLY
If the written opinion prepared by ISAUS or the international preliminary examination report prepared by IPEAUS indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$300	\$ 300	
the writen opinion of the island satisfy provisions of PCT Arricle 33(1)-(4)	22. 📉 Exam	22. X Examination fee (37 CFR 1.492(c))					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	hy IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						
TOTAL OF 21, 22 and 23 =	23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					* 400	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets						\$980	
thereof (round up to a whole number)  -100 =   /50 =   -	Additional fer sequence electronic	e for specification e listing in complia c medium) (37 CF	and drawings file nce with 37 CFR R 1.492(i)).	1.821(c) or (e) or computer pr	xcluding rogram listing in an		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims	Total Sheets	Extra Sheets	110.1100.0100.0100.000.000				
after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  \$  Total claims    19 - 20 =	- 100 =	/50 =		-0-	x \$250	\$ -0-	·
Total claims	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration						
Independent claims    H - 3 =	CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS = \$ 1,100  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1,100  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1,100  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 1,160  Amount to be refunded:  Amount to be \$ 1,160 -	Total claims	,	19 - 20 =	_	x \$50	s -O-	
TOTAL OF ABOVE CALCULATIONS = \$ 1,100. TOTAL OF ABOVE CALCULATIONS = \$ 1,100. TOTAL OF ABOVE CALCULATIONS = \$ 1,100. TOTAL NATIONAL FEE = \$ 1,100. TOTAL FEES ENCLOSED = \$ 1,100. TOTAL FEES	Independent cla	ims	<i>H</i> -3=	j	x \$200	\$ 200	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$ / 1/60  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ / 1/60  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	MULTIPLE DEP	ENDENT CLAIM(	S) (if applicable)		+ \$360	\$ -0-	
SUBTOTAL = \$ / 100  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ / 100  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$ 1,100.		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$   ,	Applicant cl	aims small entity s	tatus. See 37 CF	R 1.27. Fees above are redu	ced by 1/2.		
claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$   ,						\$ 1,100.	<u>.                                    </u>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property 2 +   TOTAL FEES ENCLOSED = \$ /, /60  Amount to be refunded: \$  Amount to be \$ / /80 = 1					\$ -0-		
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ /, /60  Amount to be refunded:  Amount to be \$ / /80 =				TOTA	L NATIONAL FEE =	s 1,100	
TOTAL FEES ENCLOSED = \$ 1,180  Amount to be refunded: \$ 1,180 = 1,180	Fee for recording by an appropria	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 80		
Amount to be refunded: \$  Amount to be \$  Amount to be \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$					FEES ENCLOSED :		
Amount to be \$ / 18/7 -						Amount to be	\$
						Amount to be	\$ 1,180

## EXPRESS MAIL:

Docket No: *P0030240* 

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b. X Please charge my Deposit Account No. 0. A duplicate copy of this sheet is enclosed.	$7-083$ 2n the amount of \$ $\frac{1}{100}$ to cover the above fees.
c. X The Commissioner is hereby authorized to concern No. 07-0832A duplicate copy	charge any additional fees which may be required, or credit any overpayment to Deposit y of this sheet is enclosed.
d. Fees are to be charged to a credit card. WA be included on this form. Provide credit card.	ARNING: Information on this form may become public. Credit card information should not ard information and authorization on PTO-2038.
NOTE: Where an appropriate time limit under 37 C and granted to restore the International Application	CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed on to pending status.
	Date: February 10 12006
SEND ALL CORRESPONDENCE TO:	Aster 1/2 -
Mr. Joseph S. Tripoli Thomson Licensing Inc.	SIGNATURE Reitseng Lin
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Princeton, NJ 08543-531	2 REGISTRATION NUMBER